

Appl. No. 09/935,088
Amdt. dated Jan. 26, 2004
Reply to Office Action of Oct. 30, 2003

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1) (Currently amended) A single-layer nonwoven material, which is capable of containing superabsorbent, for personal care products comprising a mixture of fibers, binder, and superabsorbent, where the binder is present in an amount between 1 and 6 weight percent of the fiber and binder based on a web weight before the addition of the superabsorbent and where the superabsorbent is added in an amount between 1 and 80 weight percent of the fiber and binder based on the weight of the web, wherein said superabsorbent is contained in micro-pockets in said nonwoven formed by creping or creating depressions and wherein said micro-pockets are between about 0.33 to about 10 cubic millimeters in volume.
- 2) (Original) The material of claim 1 wherein said superabsorbent concentration in said nonwoven is between 25 and 75 weight percent.
- 3) (Original) The material of claim 1 wherein said superabsorbent concentration in said nonwoven is between 40 and 60 weight percent.
- 4) (Original) The material of claim 1 wherein said micro-pockets are formed by creping.
- 5) (Original) The material of claim 1 wherein said micro-pockets are formed by a pattern roll.
- 6) (Original) The material of claim 5 wherein said pattern roll is unheated.
- 7) (Cancelled)
- 8) (Original) The material of claim 1 wherein said micro-pockets are between 0.5 and 5 cubic millimeters.
- 9) (Original) A diaper comprising the material of claim 1.
- 10) (Original) A training pant comprising the material of claim 1.
- 11) (Original) An incontinence product comprising the material of claim 1.
- 12) (Original) A bandage comprising the material of claim 1.
- 13) (Original) A sanitary napkin comprising the material of claim 1.
- 14) (Original) The material of claim 1 wherein said nonwoven web is electret treated prior to addition of said superabsorbent.

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- 15) (Currently amended) A single-layer lofty nonwoven web capable of containing superabsorbent comprising fibers and binder in an amount between 1 and 6 weight percent ~~of the fiber and binder~~ based on a web weight before the addition of superabsorbent, wherein said web is processed to produce micro-pockets and wherein superabsorbent is placed in said micro-pockets and where said micro-pockets are between about 0.33 and about 10 cubic millimeters in volume.
- 16) (Original) The web of claim 15 wherein said nonwoven web is electret treated prior to addition of said superabsorbent.
- 17) (Original) The web of claim 15 having a permeability above 1500 darcys.
- 18) (Original) The web of claim 15 having a permeability above 2000 darcys.
- 19) (Currently amended) A single-layer nonwoven material, which is capable of containing superabsorbent, for personal care products comprising a mixture of ~~continuous~~ spunbonded fibers, binder, and superabsorbent, where the binder is present in an amount between 1 and 6 weight percent ~~of the fiber and binder~~ based on a web weight before the addition of the superabsorbent and the superabsorbent is added in an amount between 1 and 80 weight percent ~~of the fiber and binder~~ based on the weight of the web, wherein said superabsorbent is contained in micro-pockets in said nonwoven formed by creping and wherein said micro-pockets are between about 0.33 to about 10 cubic millimeters in volume.
- 20) (Cancelled) ~~The material of claim 19 wherein said continuous fibers are spunbonded fibers.~~